

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((MILKOWSKI) near2 (BOGUMIL)).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 09:14
S2	3	((LEWANDOWSKI) near2 (DARI USZ)).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 09:14
S3	3	((TOBOROWICZA) near2 (ANDRZEJ)).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 09:15
S4	3	(S1 S2 S3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 09:15
S5	4	("4751035"   "5833085"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 09:25
S6	30	("0068456"   "1069153"   "3486654"   "3603472"   "3746199"   "3787547"   "3894331"   "3899096"   "4174413"   "4550043"   "4576296"   "4607757"   "4609516"   "5174460"   "5447766").PN. OR ("4751035"   "5833085"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/02 09:26

S8	2	"20070090118"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 09:54
S7	1	"20070090118"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/02 09:54
S13	726	"220/675".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:29
S12	391	"220/608".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:29
S15	344	S13 and thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:29
S9	258	"220/657".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:29
S10	206	"220/659".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:29
S11	85	"220/656".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:29
S14	68	S13 and preform	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:29

S21	834	"215/382".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:30
S17	755	"220/669".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:30
S25	1168	"428/542.8".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:31
S28	537	S25 and thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:31
S26	402	S25 and (vary varies ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:31
S27	254	S25 and (ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 10:31
S29	726	"220/675".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:11
S30	199	S29 and (vary varies ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:11

S31	755	"220/669".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:17
S32	44	S31 and preform	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:17
S33	159	S31 and (vary varies ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:18
S34	268	S31 and thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:21
S35	834	"215/382".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:27
S36	111	S35 and preform	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:27
S37	185	S35 and (vary varies ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:30
S38	151	"215/371".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:34

S39	1168	"428/542.8".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:37
S40	537	S39 and thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:37
S41	194	S40 and (ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:37
S47	391	"220/608".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:46
S44	258	"220/657".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:46
S45	206	"220/659".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:46
S46	85	"220/656".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:46
S43	30	("0068456"   "1069153"   "3486654"   "3603472"   "3746199"   "3787547"   "3894331"   "3899096"   "4174413"   "4550043"   "4576296"   "4607757"   "4609516"   "5174460"   "5447766").PN. OR ("4751035"   "5833085"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/02 11:46

S48	14	(S29 S31 S35 S38 S39 S42 S43 S44 S45 S46 S47 S29 S31 S35 S39) and ((thick thicken\$2) adj (rim flange edge))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:46
S42	4	("4751035"   "5833085"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 11:46
S50	220	("0068456"   "1069153"   "1938353"   "2656066"   "3148797"   "3191225"   "3194857"   "3207822"   "3486654"   "3529743"   "3603472"   "3621529"   "3746199"   "3787547"   "3788829"   "3804289"   "3894331"   "3899096"   "3977563"   "3978232"   "3999677"   "4065536"   "4076484"   "4086315"   "4174413"   "4181226"   "4215789"   "4228911"   "4240554"   "4280859"   "4334627"   "4403706"   "4496064"   "4550043"   "4576296"   "4607757"   "4609516"   "4725464"   "4785948"   "5174460"   "5447766").PN. OR ("1688999"   "2614727"   "3027044"   "3190530"   "4367821"   "4751035"   "4885197"   "5342663"   "5833085").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/02 11:52
S49	134	("0068456"   "1069153"   "1938353"   "2656066"   "3148797"   "3191225"   "3194857"   "3207822"   "3486654"   "3529743"   "3603472"   "3621529"   "3746199"   "3787547"   "3788829"   "3804289"   "3894331"   "3899096"   "3977563"   "3978232"   "3999677"   "4065536"   "4076484"   "4086315"   "4174413"   "4181226"   "4215789"   "4228911"   "4240554"   "4280859"   "4334627"   "4403706"   "4496064"   "4550043"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/02 11:52

		"4576296"   "4607757"   "4609516"   "4725464"   "4785948"   "5174460"   "5447766").PN. OR ("1688999"   "2614727"   "3027044"   "3190530"   "4367821"   "4751035"   "4885197"   "5342663"   "5833085").URPN.				
S51	11	(S29 S31 S35 S38 S39 S42 S43 S44 S45 S46 S47 S29 S31 S35 S39 S49 S50) and (flange adj thickness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 12:44
S52	57	(S29 S31 S35 S38 S39 S42 S43 S44 S45 S46 S47 S29 S31 S35 S39 S49 S50) and (thickness near5 (("0.05" "0.1" "0.15" "0.2" "0.25") adj (mm millimeter)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 12:47
S53	15	((flange adj thickness) near5 (("0.05" "0.1" "0.15" "0.2" "0.25") adj (mm millimeter)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 12:58
S54	37	S52 and plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 13:07
S55	8	S53 and plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 13:11
S56	41361	(plastic adj container)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 13:20
S57	49	S56 and (flange adj thickness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 13:20

S58	9	S57 and (("0.05" "0.1" "0.15" "0.2" "0.25") adj (mm millimeter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 13:21
S59	2	FR-2599002-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/02 13:33
S60	5	((Gilles) near2 (Keller)). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/04 09:34
L1	3851	"428/35.7".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:47
L4	2246	"428/34.1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:48
L2	204	1 and conical\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:48
L5	181	4 and conical\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:48
L10	1183	"428/542.8".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56



L8	853	"215/382".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L7	783	"220/669".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L6	740	"220/675".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L16	406	"220/608".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L13	261	"220/657".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L18	229	("0068456"   "1069153"   "1938353"   "2656066"   "3148797"   "3191225"   "3194857"   "3207822"   "3486654"   "3529743"   "3603472"   "3621529"   "3746199"   "3787547"   "3788829"   "3804289"   "3894331"   "3899096"   "3977563"   "3978232"   "3999677"   "4065536"   "4076484"   "4086315"   "4174413"   "4181226"   "4215789"   "4228911"   "4240554"   "4280859"   "4334627"   "4403706"   "4496064"   "4550043"   "4576296"   "4607757"   "4609516"   "4725464"   "4785948"   "5174460"   "5447766").PN. OR ("1688999"   "2614727"   "3027044"   "3190530"   "4367821"   "4751035"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/05 13:56

		"4885197"   "5342663"   "5833085").URPN.				
L14	207	"220/659".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L9	154	"215/371".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L17	140	("0068456"   "1069153"   "1938353"   "2656066"   "3148797"   "3191225"   "3194857"   "3207822"   "3486654"   "3529743"   "3603472"   "3621529"   "3746199"   "3787547"   "3788829"   "3804289"   "3894331"   "3899096"   "3977563"   "3978232"   "3999677"   "4065536"   "4076484"   "4086315"   "4174413"   "4181226"   "4215789"   "4228911"   "4240554"   "4280859"   "4334627"   "4403706"   "4496064"   "4550043"   "4576296"   "4607757"   "4609516"   "4725464"   "4785948"   "5174460"   "5447766").PN. OR ("1688999"   "2614727"   "3027044"   "3190530"   "4367821"   "4751035"   "4885197"   "5342663"   "5833085").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 13:56
L15	85	"220/656".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56

L12	32	("0068456"   "1069153"   "3486654"   "3603472"   "3746199"   "3787547"   "3894331"   "3899096"   "4174413"   "4550043"   "4576296"   "4607757"   "4609516"   "5174460"   "5447766").PN. OR ("4751035"   "5833085").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 13:56
L11	4	("4751035"   "5833085").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L19	1	(1 4 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L6 L7 L8 L10 L17 L18) and (flar\$3 adj continuous\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 13:56
L20	172	(flar\$3 adj continuous\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 14:33
L21	71	(1 4 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L6 L7 L8 L10 L17 L18) and (flar\$3 adj outward\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 14:45
L23	23	("0648436"   "0729788"   "2162629"   "D117550"   "D165566").PN. OR ("3705660").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 14:49
L22	18	("0648436"   "0729788"   "2162629"   "D117550"   "D165566").PN. OR ("3705660").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 14:49
L24	647	"D9/571".cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 14:54

L30	280	"D9/562".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 14:55
L29	148	"D9/567".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 14:55
L31	405	"D9/554".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 14:56
L32	326	"D9/549".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 14:56
L34	23	("0648436"   "0729788"   "2162629"   "D117550"   "D165566").PN. OR ("3705660").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 16:15
L33	18	("0648436"   "0729788"   "2162629"   "D117550"   "D165566").PN. OR ("3705660").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 16:15
L35	59	(1 4 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L6 L7 L8 L10 L17 L18 22 23 24 29 30 31 32 33 34) and (thickness adj decreas \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 16:46
L37	209	(continuous\$2 adj flar\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 16:49
L40	127	(preform same2 (decreas \$3 adj thickness))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 16:55

L42	126	( "1295430"   "1747760"   "1944527"   "2228936"   "2754866"   "2776691"   "2852054"   "2980993"   "3029507"   "3032225"   "3074579"   "3096897"   "3117702"   "3137748"   "3352448"   "3392860"   "3406554"   "3428208"   "3482724"   "3556032"   "3568871"   "3572413"   "3616955"   "3817418"   "3869059"   "3900120"   "3907146"   "3979002"   "4061239"   "4133441"   "4180178"   "4187953"   "4279352"   "4281774"   "4367821"   "4387819"   "4406854"   "4534484"   "4561562"   "4687114"   "4785948"   "4858776"   "4885197"   "4941815"   "4971213"   "5009323"   "5012970"   "5117993"   "5126177"   "5217128"   "5266257"   "5269427"   "5292243"   "5379910"   "5421470"   "5489036"   "5738231"   "5829608"   "5839596"   "6079579"   "6082567").PN. OR ("3785311"   "6260723"   "6413467").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 17:24
L41	7	( "6413467"   "3785311"   "6260723").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 17:24

1/ 5/ 2010 5:54:25 PM

H:\ Workspaces\ 10-580073.wsp